

REPRESENTATIVE PROJECTS

CLIENT / OWNER

City of El Paso de Robles

CONTACT REFERENCE

Ditas Esperanza
Capital Projects Engineer
City of El Paso de Robles
Public Works Department
1000 Spring Street
Paso Robles, CA 93446
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PROJECT DATES

December 2004 -
December 2005

PROJECT COST

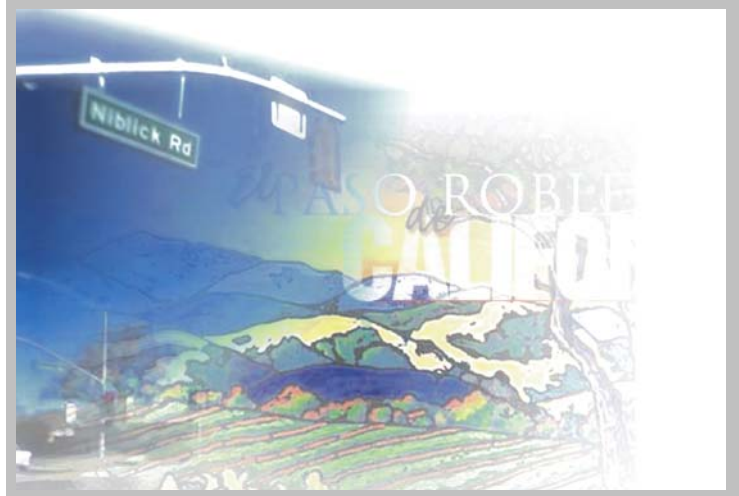
\$57,500

FIRM INVOLVEMENT

Prime Engineer

PROJECT STATUS

Complete



TRAFFIC SIGNAL SYNCHRONIZATION

NIBLICK ROAD – FIRST STREET TO CRESTON ROAD

EL PASO DE ROBLES, CA

TPG Consulting, Inc. was retained for the design of a traffic signal coordination system for eight (8) traffic signals on the Niblick Road corridor between Spring Street and Creston Road. This main corridor carries in excess of 10,000 vehicles per day.

TPG conducted traffic counts and collected field data as well as conducted speed studies on each segment of Niblick Road. This data was then used to optimize signal timing and synchronize Niblick Road.

This project involved preparation of final signal timing programs for each of the eight intersections. TPG presented final traffic signal timing sheets including a summary report containing traffic volume, prevailing vehicle speeds, geometrics, proposed optimized signal timings both band and flow time space diagrams for each intersection.

As a result of this project delays per vehicle decreased 59.7% as well as a decrease of 30% in overall emissions.